

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hee-Moon JEONG</td><td>07/15/2009</td></tr><tr><td>Jin-Ho LEE</td><td>07/15/2009</td></tr><tr><td>Jun-O KIM</td><td>07/15/2009</td></tr><tr><td>Jong-Chul CHOI</td><td>07/15/2009</td></tr></tbody></table>		Name	Execution Date	Hee-Moon JEONG	07/15/2009	Jin-Ho LEE	07/15/2009	Jun-O KIM	07/15/2009	Jong-Chul CHOI	07/15/2009
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RECEIVING PARTY DATA											
Name:	SAMSUNG ELECTRONICS CO., LTD.										
Street Address:	416, Maetan-dong, Yeongtong-gu										
City:	Suwon-si, Gyeonggi-do										
State/Country:	REPUBLIC OF KOREA										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12511688</td></tr></tbody></table>		Property Type	Number	Application Number:	12511688						
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CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	312951-000236										
NAME OF SUBMITTER:	Bert Lee										
Total Attachments: 2 source=312951-000236-Assign#page1.tif source=312951-000236-Assign#page2.tif											

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PATENT  
REEL: 023023 FRAME: 0528

DOCKET NO.: 312951-P0211

ASSIGNMENT OF APPLICATION

WHEREAS, I/we,

Hee-moon JEONG of Yongin-si, Republic of KOREA,

Jin-ho LEE of Suwon-si, Republic of KOREA,

Jun-o KIM of Yongin-si, Republic of KOREA,

Jong-chul CHOI of Suwon-si, Republic of KOREA,

respectively; have invented certain new and useful improvements in: "MEMS MIRROR, MIRROR SCANNER, OPTICAL SCANNING UNIT AND IMAGE FORMING APPARATUS INCLUDING THE OPTICAL SCANNING UNIT" (hereinafter referred to as the "Invention"), for which an application for Letters Patent was filed on July 29, 2009 (Application No. 12/511,688); and

WHEREAS, SAMSUNG ELECTRONICS CO., LTD., (hereinafter referred to as "ASSIGNEE"), having a place of business at 416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, REPUBLIC of KOREA, is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I/we, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all subsequent applications based thereon including any and all divisions, continuations, substitutions, renewals and reissues thereof together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres.

I/we hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my/our entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me/us had this Assignment and sale not been made.

Further, I/we agree that I/we will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of DLA Piper US LLP, Attorneys at Law, 1775 Wiehle Avenue, Suite 400, Reston, Virginia 20190-5159, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 15 July 2009

Hee-moon JEONG  
Hee-moon JEONG

Date: 15-Jul-2009

Jin-bo LEE  
Jin-bo LEE

Date: 15 Jul 2009

Jun-o KIM  
Jun-o KIM

Date: 15 Jul 2009

Jong-chul CHOI  
Jong-chul CHOI